

## Table H. - Engineering Index Properties

Louisa County, Virginia

Absence of an entry indicates that the data were not estimated.

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
AbB:												
Abell	0-9	Fine Sandy Loam	SC	A-2	0	0	90-100	80-100	56-100	32-90	18-33	2-12
		Loam	SC-SM	A-4								
		Silt Loam	SM									
	9-32	Sandy Clay Loam	CL	A-2	0	0	90-100	80-100	64-100	28-80	27-44	12-25
		Loam	SC	A-6								
		Clay Loam		A-7								
	32-38	Clay Loam	CH	A-6	0	0	90-100	80-100	72-100	56-95	39-55	21-32
		Clay	CL	A-7								
	38-50	Sandy Loam	SC-SM	A-2	0	0	90-100	80-100	48-95	24-75	20-38	6-19
		Loam		A-4								
Colfax	---				---	---	---	---	---	---	---	---
Worsham	---				---	---	---	---	---	---	---	---
AcB:												
Abell	0-9	Silt Loam	SC	A-2	0	0	90-100	80-100	56-100	32-90	18-33	2-12
		Fine Sandy Loam	SC-SM	A-4								
		Loam	SM									
	9-32	Sandy Clay Loam	CL	A-2	0	0	90-100	80-100	64-100	28-80	27-44	12-25
		Loam	SC	A-6								
		Clay Loam		A-7								
	32-38	Clay Loam	CH	A-6	0	0	90-100	80-100	72-100	56-95	39-55	21-32
		Clay	CL	A-7								
	38-50	Sandy Loam	SC-SM	A-2	0	0	90-100	80-100	48-95	24-75	20-38	6-19
		Loam		A-4								
Lignum	---				---	---	---	---	---	---	---	---
Roanoke	---				---	---	---	---	---	---	---	---

# Table H. - Engineering Index Properties - Continued

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
AcB:												
Worsham	---				---	---	---	---	---	---	---	---
AeB:												
Abell	0-11	Silt Loam	CL	A-4	0	0	90-100	80-100	68-100	48-90	21-41	6-19
		Loam	CL-ML	A-6								
	11-32	Sandy Clay Loam	CL	A-2	0	0	90-100	80-100	64-100	28-80	27-44	12-25
		Clay Loam	SC	A-6								
	32-45	Clay	CH	A-6	0	0	90-100	80-100	72-100	56-95	39-55	21-32
		Clay Loam	CL	A-7								
	45-60	Sandy Loam	SC	A-2	0	0	90-100	80-100	48-95	24-75	20-38	6-19
		Loam		A-4								
Lignum	---				---	---	---	---	---	---	---	---
Roanoke	---				---	---	---	---	---	---	---	---
Worsham	---				---	---	---	---	---	---	---	---
AIB:												
Altavista	0-12	Fine Sandy Loam	CL-ML	A-4	0	0	98-100	93-100	64-85	37-55	21-37	6-13
			SC	A-6								
			SC-SM									
	12-47	Sandy Clay Loam	CL	A-6	0	0	98-100	93-100	73-100	32-80	29-44	13-25
		Clay Loam	SC	A-7								
			SC-SM									
	47-64	Sandy Loam	SC-SM	A-2	0	0-10	65-100	50-100	30-70	15-40	16-32	2-13
Wickham	---				---	---	---	---	---	---	---	---
Fork	---				---	---	---	---	---	---	---	---

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
AnB2: Appling	0-9	Sandy Loam	SC SC-SM	A-2 A-4 A-6	0	0	90-100	80-100	48-70	24-40	21-33	6-13
	9-57	Clay Clay Loam Sandy Clay	CL SC	A-6 A-7	0	0	90-100	80-100	68-100	36-95	36-57	19-36
	57-79	Sandy Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	90-100	80-100	48-70	24-40	7-25	NP-8
Colfax	---				---	---	---	---	---	---	---	---
AnC2: Appling	0-9	Sandy Loam	SC SC-SM	A-2 A-4 A-6	0	0	90-100	80-100	48-70	24-40	21-33	6-13
	9-57	Sandy Clay Clay Clay Loam	CL SC	A-6 A-7	0	0	90-100	80-100	68-100	36-95	36-57	19-36
	57-79	Sandy Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	90-100	80-100	48-70	24-40	7-25	NP-8
Abell	---				---	---	---	---	---	---	---	---
Colfax	---				---	---	---	---	---	---	---	---
Iredell	---				---	---	---	---	---	---	---	---
ApB3:												

# Table H. - Engineering Index Properties - Continued

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
ApB3: Appling	0-9	Sandy Clay Loam	CL SC SC-SM	A-6	0	0	90-100	80-100	64-90	28-55	30-45	13-25
	9-57	Clay Clay Loam Sandy Clay	CL SC	A-6 A-7	0	0	90-100	80-100	68-100	36-95	36-57	19-36
	57-79	Sandy Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	90-100	80-100	48-70	24-40	7-25	NP-8
Abell	---				---	---	---	---	---	---	---	---
Cecil	---				---	---	---	---	---	---	---	---
Wedowee	---				---	---	---	---	---	---	---	---
ArC3: Appling	0-9	Sandy Clay Loam	CL SC SC-SM	A-6	0	0	90-100	80-100	64-90	28-55	30-45	13-25
	9-57	Sandy Clay Clay Loam Clay	CL SC	A-6 A-7	0	0	90-100	80-100	68-100	36-95	36-57	19-36
	57-79	Sandy Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	90-100	80-100	48-70	24-40	7-25	NP-8

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
ArC3: Wedowee	0-11	Sandy Clay Loam	CL SC SC-SM	A-6	0	0	90-100	90-100	80-95	45-75	30-45	13-21
	11-30	Loam	CL	A-4	0	0	90-100	90-100	80-97	40-75	24-40	9-21
	30-42	Sandy Clay Loam	SC	A-6								
		Sandy Clay	CL	A-7	0	0	95-100	95-100	65-97	45-75	42-53	24-32
		Clay	SC									
		Clay Loam										
	42-46	Clay Loam	CL	A-2	0	0	80-100	70-100	60-80	30-60	24-40	9-21
		Gravelly Sandy Loam	SC	A-4								
		Sandy Clay Loam	SC-SM	A-6								
		Sandy Loam										
Ashlar	---				---	---	---	---	---	---	---	---
Cecil	---				---	---	---	---	---	---	---	---
Durham	---				---	---	---	---	---	---	---	---
Sekil	---				---	---	---	---	---	---	---	---
AsB: Ashlar	0-18	Sandy Loam	SC-SM SM	A-1 A-2 A-4	0	0	80-100	70-100	42-70	21-40	17-28	2-10
	18-34	Gravelly Sandy Loam	GC-GM	A-1	0	0-6	65-100	50-100	30-70	15-40	16-27	2-10
		Sandy Loam	GM SC-SM	A-2 A-4								
			SM									
	34-38	Bedrock	---	---	---	---	---	---	---	---	---	---
Appling	---				---	---	---	---	---	---	---	---

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
AsB:												
Grover	---				---	---	---	---	---	---	---	---
Wedowee	---				---	---	---	---	---	---	---	---
Abell	---				---	---	---	---	---	---	---	---
AsC:												
Ashlar	0-18	Sandy Loam	SC-SM SM	A-1 A-2 A-4	0	0	80-100	70-100	42-70	21-40	17-28	2-10
	18-34	Sandy Loam Gravelly Sandy Loam	GC-GM GM SC-SM SM	A-1 A-2 A-4	0	0-6	65-100	50-100	30-70	15-40	16-27	2-10
	34-38	Bedrock	---	---	---	---	---	---	---	---	---	---
Appling	---				---	---	---	---	---	---	---	---
Grover	---				---	---	---	---	---	---	---	---
Wedowee	---				---	---	---	---	---	---	---	---
Abell	---				---	---	---	---	---	---	---	---

AsC3:

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
AsC3:												
Ashlar	0-18	Sandy Loam	SC-SM SM	A-1 A-2 A-4	0	0	80-100	70-100	42-70	21-40	17-28	2-10
	18-34	Gravelly Sandy Loam Sandy Loam	GC-GM GM SC-SM SM	A-1 A-2 A-4	0	0-6	65-100	50-100	30-70	15-40	16-27	2-10
	34-38	Bedrock	---	---	---	---	---	---	---	---	---	---
Appling	---				---	---	---	---	---	---	---	---
Grover	---				---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---
AsD:												
Ashlar	0-18	Sandy Loam	SC-SM SM	A-1 A-2 A-4	0	0	80-100	70-100	42-70	21-40	17-28	2-10
	18-34	Gravelly Sandy Loam Sandy Loam	GC-GM GM SC-SM SM	A-1 A-2 A-4	0	0-6	65-100	50-100	30-70	15-40	16-27	2-10
	34-38	Bedrock	---	---	---	---	---	---	---	---	---	---
Appling	---				---	---	---	---	---	---	---	---
Grover	---				---	---	---	---	---	---	---	---
Wedowee	---				---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---

### Table H. - Engineering Index Properties - Continued

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
AsD:												
AsD3:												
Ashlar	0-18	Sandy Loam	SC-SM SM	A-1 A-2 A-4	0	0	80-100	70-100	42-70	21-40	17-28	2-10
	18-34	Sandy Loam Gravelly Sandy Loam	GC-GM GM SC-SM SM	A-1 A-2 A-4	0	0-6	65-100	50-100	30-70	15-40	16-27	2-10
	34-38	Bedrock	---	---	---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---
AV:												
Ashlar	0-18	Sandy Loam	SC-SM SM	A-1 A-2 A-4	0	0-2	80-100	75-100	40-80	20-50	17-28	2-10
	18-34	Gravelly Sandy Loam Fine Sandy Loam Sandy Loam	GC-GM GM SC-SM SM	A-1 A-2 A-4	0	0-8	55-100	50-100	30-75	15-50	16-27	2-10
	34-38	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Manteo	0-16	Channery Silt Loam	CL GC GM ML	A-4 A-6	0-5	10-25	75-100	65-95	60-95	35-85	19-41	3-19
	16-20	Channery Clay Loam Channery Silt Loam Very Channery Silt Loam	CL GC	A-1 A-2 A-4 A-6	0-5	15-40	40-90	20-60	20-60	15-55	20-44	6-25
	20-24	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---



**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
AV:												
Rock outcrop	0-79	---	---	---	---	---	---	---	---	---	---	---
Appling	---				---	---	---	---	---	---	---	---
Grover	---				---	---	---	---	---	---	---	---
Nason	---				---	---	---	---	---	---	---	---
CcB2:												
Cecil	0-6	Sandy Loam	SC-SM	A-2	0	0	90-100	80-100	48-70	24-40	17-33	2-13
			SM	A-4								
	6-48	Clay Loam	CL	A-6	0	0	90-100	80-100	72-100	56-95	36-66	19-43
		Clay		A-7								
	48-62	Sandy Loam	SC	A-2	0	0	97-100	80-100	48-70	24-40	16-32	2-13
Cullen	---				---	---	---	---	---	---	---	---
Abell	---				---	---	---	---	---	---	---	---
CcC2:												
Cecil	0-6	Sandy Loam	SC-SM	A-2	0	0	90-100	80-100	48-70	24-40	17-33	2-13
			SM	A-4								
	6-48	Clay Loam	CL	A-6	0	0	90-100	80-100	72-100	56-95	36-66	19-43
		Clay		A-7								
	48-62	Sandy Loam	SC	A-2	0	0	97-100	80-100	48-70	24-40	16-32	2-13
Abell	---				---	---	---	---	---	---	---	---
CeB3:												

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
CeB3:												
Cecil	0-6	Clay Loam	CL	A-7	0	0	90-100	80-100	72-100	56-80	37-50	19-28
			SC-SM									
	6-48	Clay Loam	CL	A-6	0	0-5	75-100	75-100	68-95	38-81	29-44	13-25
		Sandy Clay Loam	SC									
		Gravelly Clay Loam										
		Gravelly Sandy Clay Loam										
	48-62	Clay Loam	CH	A-7	0	0-5	97-100	92-100	72-100	55-95	42-74	24-51
		Clay										
Abell	---				---	---	---	---	---	---	---	---
Pacolet	---				---	---	---	---	---	---	---	---
CfC3:												
Cecil	0-6	Clay Loam	CL	A-7	0	0	90-100	80-100	72-100	56-80	37-50	19-28
			SC-SM									
	6-48	Clay Loam	CL	A-6	0	0-5	75-100	75-100	68-95	38-81	29-44	13-25
		Sandy Clay Loam	SC									
	48-62	Clay Loam	CH	A-7	0	0-5	97-100	92-100	72-100	55-95	42-74	24-51
		Clay										
Pacolet	0-9	Clay Loam	CL	A-2	0	0	98-100	90-100	54-100	27-80	20-52	4-28
		Sandy Clay Loam	SC-SM	A-4								
		Sandy Loam		A-7								
	9-32	Clay Loam	CH	A-7	0	0	98-100	90-100	81-100	63-95	42-70	24-47
		Clay	CL									
	32-70	Sandy Clay Loam	CL	A-2	0	0	98-100	90-100	54-100	27-80	24-40	9-21
		Clay Loam	SC	A-4								
		Sandy Loam	SC-SM	A-6								
Cullen	---				---	---	---	---	---	---	---	---

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
CfC3:												
Madison	---				---	---	---	---	---	---	---	---
Abell	---				---	---	---	---	---	---	---	---
CfL:												
Cut and fill land	---				---	---	---	---	---	---	---	---
Ch:												
Chewacla	0-25	Silt Loam	CL	A-4	0	0	90-100	80-100	72-100	56-90	22-46	6-19
			CL-ML	A-6								
				A-7								
	25-48	Silty Clay Loam	CL	A-6	0	0	90-100	80-100	48-100	24-95	29-46	12-24
		Sandy Loam	SC-SM	A-7								
		Loam		A-7-6								
	48-52	Sandy Loam	CL	A-2	0	0	90-100	80-100	48-95	24-75	22-38	6-17
		Loam	SC	A-4								
				A-6								
Congaree	---				---	---	---	---	---	---	---	---
Wehadkee	---				---	---	---	---	---	---	---	---
CIB:												

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
CIB:												
Colfax	0-18	Fine Sandy Loam	SC	A-4	0	0	100	100	70-85	40-55	18-37	2-13
			SC-SM									
			SM									
	18-28	Clay Loam	CL	A-6	0	0	100	100	80-100	35-80	29-45	13-25
		Sandy Clay Loam	SC	A-7-6								
	28-50	Sandy Loam	CL	A-2	0	0	100	100	60-90	30-55	25-45	9-25
		Sandy Clay Loam	SC	A-2-6								
				A-4								
				A-6								
	50-62	Sandy Loam	SC	A-2	0	0	98-100	95-100	57-70	28-40	21-33	6-13
				A-4								
				A-6								
Durham	---				---	---	---	---	---	---	---	---
Worsham	---				---	---	---	---	---	---	---	---
Cn:												
Congaree	0-34	Silt Loam	CL	A-4	0	0	100	100	60-100	30-90	22-43	6-17
		Loam	CL-ML	A-6								
		Fine Sandy Loam										
		Very Fine Sandy Loam										
		Sandy Loam										
	34-44	Sandy Loam	CL	A-4	0	0	100	100	60-100	30-90	22-39	6-17
		Very Fine Sandy Loam	SC	A-6								
		Loam										
		Fine Sandy Loam										
		Silt Loam										
	44-58	Sandy Loam	CL	A-4	0	0	100	100	60-100	30-90	16-36	2-17
		Very Fine Sandy Loam										
		Silt Loam										
		Fine Sandy Loam										
		Loam										

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
Cn:												
Chewacla	---				---	---	---	---	---	---	---	---
Toccoa	---				---	---	---	---	---	---	---	---
CO:												
Congaree	0-34	Sandy Loam	CL	A-4	0	0	100	100	60-100	30-90	22-43	6-17
		Very Fine Sandy Loam	CL-ML	A-6								
		Silt Loam										
		Fine Sandy Loam										
	34-44	Loam	CL	A-4	0	0	100	100	60-100	30-90	22-39	6-17
		Very Fine Sandy Loam	SC	A-6								
		Silt Loam										
		Fine Sandy Loam										
	44-58	Sandy Loam										
		Loam	CL	A-4	0	0	100	100	60-100	30-90	16-36	2-17
		Very Fine Sandy Loam										
		Fine Sandy Loam										
		Silt Loam										
		Sandy Loam										
Chewacla	0-25	Silt Loam	CL	A-4	0	0	90-100	80-100	72-100	56-90	22-46	6-19
			CL-ML	A-6								
				A-7								
		Loam	CL	A-6	0	0	90-100	80-100	48-100	24-95	29-46	12-24
	25-48	Silty Clay Loam	SC-SM	A-7								
		Sandy Loam		A-7-6								
	48-52	Loam	CL	A-2	0	0	90-100	80-100	48-95	24-75	22-38	6-17
		Sandy Loam	SC	A-4								
				A-6								

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
CO:												
Toccoa	---				---	---	---	---	---	---	---	---
Wehadkee	---				---	---	---	---	---	---	---	---
CuB2:												
Cullen	0-10	Loam	CL	A-4 A-6	0	0	95-100	85-100	72-95	51-75	27-41	9-19
	10-54	Silty Clay Loam Clay Loam Clay	CH CL	A-6 A-7	0	0	95-100	85-100	72-100	38-95	39-67	21-44
	54-78	Sandy Loam	SC	A-2 A-4 A-6	0	0	95-100	85-100	51-70	26-40	18-33	2-14
Abell	---				---	---	---	---	---	---	---	---
Enon	---				---	---	---	---	---	---	---	---
Mecklenburg	---				---	---	---	---	---	---	---	---
CuC2:												
Cullen	0-10	Loam	CL	A-4 A-6	0	0	95-100	85-100	72-95	51-75	27-41	9-19
	10-54	Silty Clay Loam Clay Loam Clay	CH CL	A-6 A-7	0	0	95-100	85-100	72-100	38-95	39-67	21-44
	54-78	Sandy Loam	SC	A-2 A-4 A-6	0	0	95-100	85-100	51-70	26-40	18-33	2-14
Abell	---				---	---	---	---	---	---	---	---

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
CuC2:												
Poindexter	---				---	---	---	---	---	---	---	---
CwB3:												
Cullen	0-10	Clay Loam	CL	A-7	0	0	90-100	80-100	72-100	56-80	37-50	19-28
			SC-SM									
	10-54	Silty Clay Loam	CH	A-6	0	0	95-100	85-100	72-100	38-95	39-67	21-44
		Clay Loam	CL	A-7								
		Clay										
	54-78	Sandy Loam	SC	A-2	0	0	95-100	85-100	51-70	26-40	18-33	2-14
				A-4								
				A-6								
Cecil	---				---	---	---	---	---	---	---	---
Tatum	---				---	---	---	---	---	---	---	---
Turbeville	---				---	---	---	---	---	---	---	---
CwC3:												
Cullen	0-10	Clay Loam	CL	A-7	0	0	90-100	80-100	72-100	56-80	37-50	19-28
			SC-SM									
	10-54	Clay	CH	A-6	0	0	95-100	85-100	72-100	38-95	39-67	21-44
		Silty Clay Loam	CL	A-7								
		Clay Loam										
	54-78	Sandy Loam	SC	A-2	0	0	95-100	85-100	51-70	26-40	18-33	2-14
				A-4								
				A-6								
Fluvanna	---				---	---	---	---	---	---	---	---
Poindexter	---				---	---	---	---	---	---	---	---

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
DuB:												
Durham	0-19	Sandy Loam	SC	A-2	0	0	98-100	95-100	57-85	28-55	17-35	2-13
		Fine Sandy Loam	SC-SM	A-4								
			SM									
	19-46	Clay Loam	SC	A-2	0	0	98-100	95-100	76-100	33-80	29-49	13-28
		Sandy Clay Loam	SC-SM	A-6								
	46-54	Sandy Loam	SC	A-2	0	0	98-100	95-100	57-70	28-40	16-32	2-13
			SC-SM	A-4								
			SM									
Appling	---				---	---	---	---	---	---	---	---
Colfax	---				---	---	---	---	---	---	---	---
Eb:												
Elbert	0-5	Silt Loam	CL	A-6	0	0	98-100	95-100	86-100	66-90	27-43	9-18
	5-52	Clay	CH	A-7	0	0	98-100	95-100	81-100	43-95	41-61	21-37
		Silty Clay Loam	SC									
		Sandy Clay										
	52-61	Gravelly Sandy Loam	SC	A-2	0	0	65-100	50-100	30-70	15-40	20-32	6-13
		Sandy Loam										
Iredell	---				---	---	---	---	---	---	---	---
Zion	---				---	---	---	---	---	---	---	---
FIB2:												



**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
FIB2:												
Fluvanna	0-9	Loam Fine Sandy Loam	CL ML SC SM	A-2 A-4 A-6	0	0	90-100	85-100	60-95	34-75	18-43	2-18
	9-35	Clay Loam Silty Clay Loam Silty Clay Clay	CH	A-7	0	0	90-100	85-100	76-100	60-95	43-72	25-47
	35-54	Silty Clay Loam Clay Loam	CL	A-6 A-7	0	0	90-100	85-100	76-100	60-95	31-50	13-29
Cullen	---				---	---	---	---	---	---	---	---
Orange	---				---	---	---	---	---	---	---	---
FIC2:												
Fluvanna	0-9	Fine Sandy Loam Loam	CL ML SC SM	A-2 A-4 A-6	0	0	90-100	85-100	60-95	34-75	18-43	2-18
	9-35	Clay Clay Loam Silty Clay Silty Clay Loam	CH	A-7	0	0	90-100	85-100	76-100	60-95	43-72	25-47
	35-54	Silty Clay Loam Clay Loam	CL	A-6 A-7	0	0	90-100	85-100	76-100	60-95	31-50	13-29
Nason	---				---	---	---	---	---	---	---	---
Sekil	---				---	---	---	---	---	---	---	---

FN:

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
FN:												
Fluvaquents	0-9	Silt Loam	CL	A-4 A-6 A-7	0	0	100	98-100	88-100	63-90	12-43	NP-17
	9-30	Very Fine Sandy Loam Loam Silt Loam	CL CL-ML SC	A-4 A-6	0	0	100	99-100	85-100	48-90	23-38	6-14
	30-62	Loamy Sand Sand Very Gravelly Sandy Loam Gravelly Sandy Loam	SC-SM SM SW-SM	A-2	0	0	80-100	40-100	20-75	3-30	7-20	NP-4
Shallow water	---				---	---	---	---	---	---	---	---
Fo:												
Forestdale	0-8	Silt Loam	CL	A-6 A-7	0	0	100	100	90-100	70-90	23-43	6-20
	8-55	Clay Silty Clay	CH CL	A-7	0	0	100	100	90-100	75-95	45-69	25-44
	55-62	Silty Clay Loam Sandy Clay Loam Silt Loam Silty Clay Loam	CL CL-ML SC	A-4 A-6 A-7	0	0	100	95-100	76-100	33-95	22-46	6-25
Fork	---				---	---	---	---	---	---	---	---
Wehadkee	---				---	---	---	---	---	---	---	---

FrB:

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
FrB:												
Fork	0-9	Fine Sandy Loam	CL	A-4	0	0	95-100	90-100	63-85	36-55	22-37	6-13
			SC									
	9-52	Loam	CL	A-6	0	0	95-100	90-100	72-100	32-80	27-49	12-28
		Sandy Clay Loam	SC	A-7								
		Clay Loam										
	52-64	Loam	CL	A-2	0	---	85-100	70-100	42-100	21-95	16-44	2-25
		Silty Clay Loam	ML	A-4								
		Gravelly Sandy Loam	SC	A-6								
		Sandy Clay Loam	SM									
Altavista	---				---	---	---	---	---	---	---	---
Forestdale	---				---	---	---	---	---	---	---	---
GrB2:												
Grover	0-6	Sandy Clay Loam	SC	A-2	0	0	95-100	90-100	54-90	27-55	20-39	4-17
		Sandy Loam	SC-SM	A-2-4								
				A-4								
	6-33	Loam	SC	A-6	0	0	95-100	90-100	72-100	32-80	27-44	12-25
		Clay Loam		A-7								
		Sandy Clay Loam										
	33-62	Loam	SC	A-2	0	0	95-100	90-100	54-95	27-75	15-36	1-17
		Sandy Loam	SC-SM	A-2-4								
			SM	A-4								
Appling	---				---	---	---	---	---	---	---	---
Madison	---				---	---	---	---	---	---	---	---
GrC2:												

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
GrC2:												
Grover	0-6	Sandy Loam Sandy Clay Loam	SC SC-SM	A-2 A-2-4 A-4	0	0	95-100	90-100	54-90	27-55	20-39	4-17
	6-33	Loam Sandy Clay Loam Clay Loam	SC	A-6 A-7	0	0	95-100	90-100	72-100	32-80	27-44	12-25
	33-62	Sandy Loam Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	95-100	90-100	54-95	27-75	15-36	1-17
Appling	---				---	---	---	---	---	---	---	---
Ashlar	---				---	---	---	---	---	---	---	---
GvB3:												
Grover	0-6	Sandy Loam Sandy Clay Loam	SC SC-SM	A-2-4 A-4 A-6	0	0	95-100	90-100	54-95	27-60	20-43	4-21
	6-33	Loam Clay Loam Sandy Clay Loam	SC	A-6 A-7	0	0	95-100	90-100	72-100	32-80	27-44	12-25
	33-62	Loam Sandy Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	95-100	90-100	54-95	27-75	15-36	1-17
Abell	---				---	---	---	---	---	---	---	---
Appling	---				---	---	---	---	---	---	---	---
Madison	---				---	---	---	---	---	---	---	---

GvC3:

# Table H. - Engineering Index Properties - Continued

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
GvC3:												
Grover	0-6	Sandy Loam Sandy Clay Loam	SC SC-SM	A-2-4 A-4 A-6	0	0	95-100	90-100	54-95	27-60	20-43	4-21
	6-33	Loam Clay Loam Sandy Clay Loam	SC	A-6 A-7	0	0	95-100	90-100	72-100	32-80	27-44	12-25
	33-62	Loam Sandy Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	95-100	90-100	54-95	27-75	15-36	1-17
Ashlar	---				---	---	---	---	---	---	---	---
Madison	---				---	---	---	---	---	---	---	---
IdB:												
Iredell	0-11	Clay Loam Loam Sandy Loam	SC SC-SM	A-2 A-2-4 A-4	0	0	90-100	85-100	51-100	26-80	21-43	6-21
	11-27	Clay	CH	A-7	0	0	90-100	85-100	76-100	64-95	51-79	29-46
	27-69	Sandy Loam Sandy Clay Loam Loam	CL SC	A-2 A-7	0	0	90-100	85-100	51-95	26-75	24-48	6-25
Colfax	---				---	---	---	---	---	---	---	---
Sekil	---				---	---	---	---	---	---	---	---
Worsham	---				---	---	---	---	---	---	---	---

IdB2:

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
IdB2:												
Iredell	0-11	Loam	SC	A-2	0	0	90-100	85-100	51-100	26-80	21-43	6-21
		Sandy Loam	SC-SM	A-2-4								
		Clay Loam		A-4								
	11-27	Clay	CH	A-7	0	0	90-100	85-100	76-100	64-95	51-79	29-46
	27-69	Sandy Clay Loam	CL	A-2	0	0	90-100	85-100	51-95	26-75	24-48	6-25
		Loam	SC	A-7								
		Sandy Loam										
Cecil	---				---	---	---	---	---	---	---	---
Cullen	---				---	---	---	---	---	---	---	---
Sekil	---				---	---	---	---	---	---	---	---
IdC2:												
Iredell	0-11	Sandy Loam	SC	A-2	0	0	90-100	85-100	51-100	26-80	21-43	6-21
		Clay Loam	SC-SM	A-2-4								
		Loam		A-4								
	11-27	Clay	CH	A-7	0	0	90-100	85-100	76-100	64-95	51-79	29-46
	27-69	Sandy Loam	CL	A-2	0	0	90-100	85-100	51-95	26-75	24-48	6-25
		Sandy Clay Loam	SC	A-7								
		Loam										
Cecil	---				---	---	---	---	---	---	---	---
Cullen	---				---	---	---	---	---	---	---	---
Sekil	---				---	---	---	---	---	---	---	---

IrA:

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
<b>IrA:</b>												
Iredell	0-11	Loam	CL	A-2-4	0	0	90-100	85-100	51-100	26-80	21-43	6-21
		Sandy Loam	SC	A-4								
		Clay Loam	SC-SM									
	11-27	Clay	CH	A-7	0	0	90-100	85-100	76-100	64-95	51-79	29-46
	27-69	Sandy Loam	CL	A-2	0	0	90-100	85-100	51-95	26-75	24-48	6-25
		Sandy Clay Loam	SC	A-7								
		Loam										
Elbert	---				---	---	---	---	---	---	---	---
Zion	---				---	---	---	---	---	---	---	---
<b>IrB:</b>												
Iredell	0-11	Sandy Loam	CL	A-2-4	0	0	90-100	85-100	51-100	26-80	21-43	6-21
		Clay Loam	SC	A-4								
		Loam	SC-SM									
	11-27	Clay	CH	A-7	0	0	90-100	85-100	76-100	64-95	51-79	29-46
	27-69	Sandy Loam	CL	A-2	0	0	90-100	85-100	51-95	26-75	24-48	6-25
		Sandy Clay Loam	SC	A-7								
		Loam										
Poindexter	---				---	---	---	---	---	---	---	---
Zion	---				---	---	---	---	---	---	---	---
<b>Iv:</b>												
Iredell	0-12	Silt Loam	CL	A-4	0	0	90-100	85-100	76-100	60-90	26-42	9-19
				A-6								
	12-28	Silty Clay Loam	CH	A-7	0	0	90-100	85-100	81-100	72-95	39-52	20-29
			CL									
	28-48	Clay	CH	A-7	0	0	90-100	85-100	76-100	64-95	51-79	29-46
	48-56	Sandy Clay Loam	SC	A-7	0	0	90-100	85-100	68-90	30-55	32-48	14-25

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
lv:												
Abell	---				---	---	---	---	---	---	---	---
Elbert	---				---	---	---	---	---	---	---	---
Zion	---				---	---	---	---	---	---	---	---
LgB:												
Lignum	0-8	Silt Loam	CL	A-4	0	0	95-100	80-100	68-100	48-90	21-39	6-17
		Loam	CL-ML	A-6								
	8-43	Clay	CH	A-7	0	0	90-100	80-100	72-100	60-95	43-63	25-40
		Silty Clay	CL									
		Silty Clay Loam										
	43-52	Silty Clay Loam	CL	A-6	0	0	90-100	80-100	68-100	40-95	22-49	7-28
		Very Fine Sandy Loam										
		Silt Loam										
Abell	---				---	---	---	---	---	---	---	---
Worsham	---				---	---	---	---	---	---	---	---
MaB2:												
Madison	0-5	Sandy Loam	ML	A-2	0	0	95-100	90-100	54-100	27-80	17-52	2-28
		Sandy Clay Loam	SC	A-4								
		Clay Loam	SM									
	5-24	Clay	CL	A-7	0	0	95-100	90-100	76-100	40-95	37-57	21-36
		Sandy Clay										
		Clay Loam										
	24-72	Sandy Loam	CL	A-2	0	0	95-100	90-100	54-95	27-75	20-44	6-25
		Sandy Clay Loam	SC	A-4								
		Loam		A-6								



**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
MaB2:												
Cecil	---				---	---	---	---	---	---	---	---
Grover	---				---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---
MaC2:												
Madison	0-5	Sandy Loam	ML	A-2	0	0	95-100	90-100	54-100	27-80	17-52	2-28
		Sandy Clay Loam	SC	A-4								
		Clay Loam	SM									
	5-24	Sandy Clay	CL	A-7	0	0	95-100	90-100	76-100	40-95	37-57	21-36
		Clay Loam										
		Clay										
	24-72	Sandy Clay Loam	CL	A-2	0	0	95-100	90-100	54-95	27-75	20-44	6-25
		Loam	SC	A-4								
		Sandy Loam		A-6								
Abell	---				---	---	---	---	---	---	---	---
Ashlar	---				---	---	---	---	---	---	---	---
Grover	---				---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---
Md:												
Mine dump	---				---	---	---	---	---	---	---	---
MdB3:												

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
MdB3:												
Madison	0-5	Clay Loam	CL	A-2	0	0	95-100	90-100	54-100	27-80	26-52	9-28
		Sandy Clay Loam		A-4								
		Sandy Loam		A-7								
	5-24	Sandy Clay	CL	A-7	0	0	95-100	90-100	76-100	40-95	37-57	21-36
		Clay Loam										
		Clay										
	24-72	Sandy Loam	CL	A-2	0	0	95-100	90-100	54-95	27-75	20-44	6-25
		Sandy Clay Loam	SC	A-4								
		Loam		A-6								
Grover	---				---	---	---	---	---	---	---	---
MdC3:												
Madison	0-5	Sandy Clay Loam	CL	A-2	0	0	95-100	90-100	54-100	27-80	26-52	9-28
		Sandy Loam		A-4								
		Clay Loam		A-7								
	5-24	Clay	CL	A-7	0	0	95-100	90-100	76-100	40-95	37-57	21-36
		Sandy Clay										
		Clay Loam										
	24-72	Sandy Loam	CL	A-2	0	0	95-100	90-100	54-95	27-75	20-44	6-25
		Sandy Clay Loam	SC	A-4								
		Loam		A-6								
Ashlar	---				---	---	---	---	---	---	---	---
Grover	---				---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---

MnB:

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
MnB:												
Manteo	0-16	Extremely Channery Silt Loam	CL	A-4	0-10	15-55	60-90	50-85	45-85	35-75	19-41	3-19
		Very Channery Silt Loam	GC	A-6								
		Channery Silt Loam	GM									
	16-20	Extremely Channery Silt Loam	ML		0-10	38-55	40-55	30-45	27-45	21-40	20-38	6-19
		Very Channery Silt Loam	GC	A-1								
				A-2								
				A-4								
				A-6								
	20-24	Bedrock	---	---	---	---	---	---	---	---	---	---
Abell	---				---	---	---	---	---	---	---	---
Nason	---				---	---	---	---	---	---	---	---
MnC:												
Manteo	0-16	Extremely Channery Silt Loam	CL	A-4	0-10	15-55	60-90	50-85	45-85	35-75	19-41	3-19
		Very Channery Silt Loam	GC	A-6								
		Channery Silt Loam	GM									
	16-20	Extremely Channery Silt Loam	ML		0-10	38-55	40-55	30-45	27-45	21-40	20-38	6-19
		Very Channery Silt Loam	GC	A-1								
				A-2								
				A-4								
				A-6								
	20-24	Bedrock	---	---	---	---	---	---	---	---	---	---
Nason	---				---	---	---	---	---	---	---	---
MnD:												

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
MnD:												
Manteo	0-16	Extremely Channery Silt Loam	CL	A-4	0-10	15-55	60-90	50-85	45-85	35-75	19-41	3-19
		Very Channery Silt Loam	GC	A-6								
		Channery Silt Loam	GM									
	16-20	Extremely Channery Silt Loam	ML									
		Very Channery Silt Loam	GC	A-1	0-10	38-55	40-55	30-45	27-45	21-40	20-38	6-19
				A-2								
				A-4								
				A-6								
	20-24	Bedrock	---	---	---	---	---	---	---	---	---	---
Nason	---				---	---	---	---	---	---	---	---
Tatum	---				---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---
MnE:												
Manteo	0-16	Extremely Channery Silt Loam	CL	A-4	0-10	15-55	60-90	50-85	45-85	35-75	19-41	3-19
		Very Channery Silt Loam	GC	A-6								
		Channery Silt Loam	GM									
	16-20	Extremely Channery Silt Loam	ML									
		Very Channery Silt Loam	GC	A-1	0-10	38-55	40-55	30-45	27-45	21-40	20-38	6-19
				A-2								
				A-4								
				A-6								
	20-24	Bedrock	---	---	---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---
MoC:												

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
MoC:												
Manteo	0-16	Channery Silt Loam	CL	A-4	0-10	25-55	60-85	50-75	45-75	35-70	19-41	3-19
		Very Channery Silt Loam	GC	A-6								
		Extremely Channery Silt Loam	GM									
			ML									
	16-20	Extremely Channery Silt Loam	GC	A-1	0-10	38-55	40-55	30-45	27-45	21-40	20-38	6-19
		Very Channery Silt Loam		A-2								
				A-4								
				A-6								
	20-24	Bedrock	---	---	---	---	---	---	---	---	---	---
Abell	---				---	---	---	---	---	---	---	---
Nason	---				---	---	---	---	---	---	---	---
MoD:												
Manteo	0-16	Channery Silt Loam	CL	A-4	0-10	25-55	60-85	50-75	45-75	35-70	19-41	3-19
		Very Channery Silt Loam	GC	A-6								
		Extremely Channery Silt Loam	GM									
			ML									
	16-20	Extremely Channery Silt Loam	GC	A-1	0-10	38-55	40-55	30-45	27-45	21-40	20-38	6-19
		Very Channery Silt Loam		A-2								
				A-4								
				A-6								
	20-24	Bedrock	---	---	---	---	---	---	---	---	---	---
Nason	---				---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---

MsB2:

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
MsB2:												
Masada	0-10	Gravelly Fine Sandy Loam	CL	A-4	0	0	85-100	70-100	49-95	28-75	22-43	6-18
		Loam	SC	A-6								
		Fine Sandy Loam										
	10-48	Gravelly Clay	CH	A-7	0	0	80-100	70-100	63-100	52-95	48-67	28-44
		Clay	CL									
	48-54	Very Gravelly Clay Loam	GC	A-2	0	0-15	20-55	10-45	8-45	4-36	24-50	7-29
		Extremely Gravelly Sandy Clay Loam		A-4								
		Extremely Gravelly Clay Loam		A-6								
		Extremely Gravelly Clay Loam		A-7								
		Extremely Gravelly Loam										
Altavista	---				---	---	---	---	---	---	---	---
Turbeville	---				---	---	---	---	---	---	---	---
MsC2:												
Masada	0-10	Fine Sandy Loam	CL	A-4	0	0	85-100	70-100	49-95	28-75	22-43	6-18
		Gravelly Fine Sandy Loam	SC	A-6								
		Loam										
	10-48	Gravelly Clay	CH	A-7	0	0	80-100	70-100	63-100	52-95	48-67	28-44
		Clay	CL									
	48-54	Extremely Gravelly Clay Loam	GC	A-2	0	0-15	20-55	10-45	8-45	4-36	24-50	7-29
		Extremely Gravelly Loam		A-4								
		Extremely Gravelly Loam		A-6								
		Very Gravelly Clay Loam		A-7								
		Extremely Gravelly Sandy Clay Loam										
Appling	---				---	---	---	---	---	---	---	---
Ashlar	---				---	---	---	---	---	---	---	---

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
MuB2:												
Mecklenburg	0-6	Loam	CL	A-4	0	0	98-100	90-100	76-100	54-80	20-52	4-28
		Clay Loam	CL-ML	A-6								
	6-38	Clay Loam	CH	A-7	0	0	98-100	90-100	81-100	63-95	43-67	25-44
		Clay										
	38-72	Clay Loam	CL	A-2	0	0	98-100	90-100	54-100	27-80	24-44	9-25
		Sandy Clay Loam	SC	A-4								
		Sandy Loam		A-6								
				A-7								
Enon	0-6	Clay Loam	CL	A-4	0	0	95-100	90-100	76-100	54-80	19-52	3-28
		Loam	CL-ML	A-6								
			ML									
	6-38	Clay Loam	CH	A-6	0	0	95-100	90-100	81-100	63-95	29-66	13-43
		Clay	CL	A-7								
	38-52	Sandy Clay Loam	CH	A-7	0	0-5	95-100	90-100	72-100	32-80	32-52	14-29
		Clay Loam	CL	A-7-6								
Cullen	---				---	---	---	---	---	---	---	---
Iredell	---				---	---	---	---	---	---	---	---
Zion	---				---	---	---	---	---	---	---	---
MuC2:												
Mecklenburg	0-6	Loam	CL	A-4	0	0	98-100	90-100	76-100	54-80	20-52	4-28
		Clay Loam	CL-ML	A-6								
	6-38	Clay	CH	A-7	0	0	98-100	90-100	81-100	63-95	43-67	25-44
		Clay Loam										
	38-72	Sandy Loam	CL	A-2	0	0	98-100	90-100	54-100	27-80	24-44	9-25
		Clay Loam	SC	A-4								
		Sandy Clay Loam		A-6								
				A-7								

# Table H. - Engineering Index Properties - Continued

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
MuC2:												
Enon	0-6	Loam	CL	A-4	0	0	95-100	90-100	76-100	54-80	19-52	3-28
		Clay Loam	CL-ML	A-6								
			ML									
	6-38	Clay	CH	A-6	0	0	95-100	90-100	81-100	63-95	29-66	13-43
		Clay Loam	CL	A-7								
	38-52	Sandy Clay Loam	CH	A-7	0	0-5	95-100	90-100	72-100	32-80	32-52	14-29
		Clay Loam	CL	A-7-6								
Poindexter	---				---	---	---	---	---	---	---	---
Zion	---				---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---
MvC3:												
Mecklenburg	0-6	Loam	CL	A-4	0	0	98-100	90-100	76-100	54-80	26-52	9-28
		Clay Loam		A-6								
				A-7								
	6-38	Clay	CH	A-7	0	0	98-100	90-100	81-100	63-95	43-67	25-44
		Clay Loam										
	38-72	Sandy Clay Loam	CL	A-2	0	0	98-100	90-100	54-100	27-80	24-44	9-25
		Clay Loam	SC	A-4								
		Sandy Loam		A-6								
				A-7								



**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
MvC3:												
Enon	0-6	Clay Loam Loam	CL	A-4 A-6 A-7	0	0	95-100	90-100	76-100	54-80	26-52	9-28
	6-38	Clay Loam Clay	CH CL	A-6 A-7	0	0	95-100	90-100	81-100	63-95	29-66	13-43
	38-52	Sandy Clay Loam Clay Loam	CH CL	A-7 A-7-6	0	0-5	95-100	90-100	72-100	32-80	32-52	14-29
Poindexter	---				---	---	---	---	---	---	---	---
Zion	---				---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---
NaD2:												
Nason	0-14	Gravelly Loam Silt Loam Silty Clay Loam Loam	CL CL-ML	A-4 A-6	0	0-3	80-100	70-100	60-100	42-95	22-49	6-24
	14-48	Clay Silty Clay Silty Clay Loam Gravelly Silty Clay	CH CL	A-7	0	0	80-100	70-100	66-100	60-95	43-59	25-36
	48-62	Channery Loam Gravelly Silt Loam Loam Silt Loam	CL CL-ML GC-GM SC	A-4 A-6	0	0	80-100	70-100	60-100	42-90	20-36	6-17
Abell	---				---	---	---	---	---	---	---	---
Manteo	---				---	---	---	---	---	---	---	---

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
NaD2: Rock outcrop	---				---	---	---	---	---	---	---	---
NoB2: Nason	0-14	Gravelly Loam	CL	A-4	0	0-3	80-100	70-100	60-100	42-95	22-49	6-24
		Silt Loam	CL-ML	A-6								
		Silty Clay Loam										
	14-48	Loam										
		Clay	CH	A-7	0	0	80-100	70-100	66-100	60-95	43-59	25-36
		Silty Clay Loam	CL									
		Gravelly Silty Clay										
		Silty Clay										
	48-62	Channery Loam	CL	A-4	0	0	80-100	70-100	60-100	42-90	20-36	6-17
		Gravelly Silt Loam	CL-ML	A-6								
		Loam	GC-GM									
		Silt Loam	SC									
Abell	---				---	---	---	---	---	---	---	---
Tatum	---				---	---	---	---	---	---	---	---
NoC2:												

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
NoC2:												
Nason	0-14	Gravelly Loam	CL	A-4	0	0-3	80-100	70-100	60-100	42-95	22-49	6-24
		Silt Loam	CL-ML	A-6								
		Silty Clay Loam										
	14-48	Silty Clay	CH	A-7	0	0	80-100	70-100	66-100	60-95	43-59	25-36
		Silty Clay Loam	CL									
		Gravelly Clay										
	48-62	Silt Loam	CL	A-4	0	0	80-100	70-100	60-100	42-90	20-36	6-17
		Channery Loam	CL-ML	A-6								
		Gravelly Silt Loam	GC-GM									
		Loam	SC									
Manteo	---				---	---	---	---	---	---	---	---
Tatum	---				---	---	---	---	---	---	---	---
NsB3:												
Nason	0-14	Gravelly Loam	CL	A-4	0	0-3	80-100	70-100	60-100	42-95	22-58	6-32
		Silt Loam	CL-ML	A-6								
		Loam										
		Silty Clay Loam										
	14-48	Silty Clay	CH	A-7	0	0	80-100	70-100	66-100	60-95	43-59	25-36
		Clay	CL									
		Silty Clay Loam										
		Gravelly Clay										
	48-62	Loam	CL	A-4	0	0	80-100	70-100	60-100	42-90	20-36	6-17
		Silt Loam	CL-ML	A-6								
		Gravelly Silt Loam	GC-GM									
		Channery Loam	SC									
Tatum	---				---	---	---	---	---	---	---	---

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
NsB3:												
NsC3:												
Nason	0-14	Gravelly Loam Loam	CL CL-ML	A-4 A-6	0	0-3	80-100	70-100	60-100	42-95	22-58	6-32
	14-48	Silty Clay Loam Silt Loam Silty Clay Loam Silty Clay Gravelly Clay Clay	CH CL	A-7	0	0	80-100	70-100	66-100	60-95	43-59	25-36
	48-62	Gravelly Silt Loam Channery Loam Loam Silt Loam	CL CL-ML GC-GM SC	A-4 A-6	0	0	80-100	70-100	60-100	42-90	20-36	6-17
Manteo	---				---	---	---	---	---	---	---	---
OrB:												
Orange	0-7	Silt Loam	CL-ML SC-SM	A-4 A-6	0	0	98-100	90-100	81-100	63-90	22-43	6-18
	7-41	Clay Loam Silty Clay Clay	CH	A-7	0	0	95-100	80-100	72-100	64-95	45-69	25-44
	41-46	Gravelly Sandy Loam Channery Sandy Loam Sandy Loam	GC SC	A-2 A-6	0	0-60	65-100	50-100	30-70	15-40	20-32	6-13
	46-79	Bedrock	---	---	0	---	---	---	---	---	---	---
Abell	---				---	---	---	---	---	---	---	---
Fluvanna	---				---	---	---	---	---	---	---	---

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
OrB:												
Poindexter	---				---	---	---	---	---	---	---	---
OxB:												
Orange	0-7	Silt Loam	CL-ML	A-4	0	0	98-100	90-100	81-100	63-90	22-43	6-18
	7-41	Silty Clay Clay Clay Loam	SC-SM CH	A-6 A-7	0	0	95-100	80-100	72-100	64-95	45-69	25-44
	41-46	Gravelly Sandy Loam Channery Sandy Loam Sandy Loam	GC SC	A-2 A-6	0	0-60	65-100	50-100	30-70	15-40	20-32	6-13
	46-79	Bedrock	---	---	0	---	---	---	---	---	---	---
Poindexter	0-9	Loam Silt Loam	CL CL-ML	A-4 A-6	0	0	95-100	90-100	76-100	54-90	21-39	6-17
	9-20	Sandy Clay Loam Clay Loam	CL SC	A-6	0	0	95-100	90-100	72-100	32-80	29-44	13-25
	20-40	Silty Clay Loam Gravelly Sandy Loam Fine Sandy Loam Sandy Loam	CL-ML SC SC-SM	A-2 A-4 A-6	0	0	65-100	50-100	30-100	15-95	20-44	6-25
	40-79	Bedrock	---	---	---	---	---	---	---	---	---	---
Elbert	---				---	---	---	---	---	---	---	---
Abell	---				---	---	---	---	---	---	---	---
Fluvanna	---				---	---	---	---	---	---	---	---

PaB2:

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
PaB2:												
Pacolet	0-9	Sandy Clay Loam	SC	A-2	0	0	98-100	90-100	54-100	27-80	20-47	4-24
		Clay Loam	SC-SM	A-4								
		Sandy Loam										
	9-32	Clay	CH	A-7	0	0	98-100	90-100	81-100	63-95	42-70	24-47
		Clay Loam	CL									
	32-70	Sandy Loam	CL	A-2	0	0	98-100	90-100	54-100	27-80	24-40	9-21
		Sandy Clay Loam	SC	A-4								
		Clay Loam	SC-SM	A-6								
Cecil	0-6	Sandy Loam	SC-SM	A-2	0	0	90-100	80-100	48-70	24-40	17-33	2-13
			SM	A-4								
	6-48	Clay Loam	CL	A-6	0	0	90-100	80-100	72-100	56-95	36-66	19-43
		Clay		A-7								
	48-62	Sandy Loam	SC	A-2	0	0	97-100	80-100	48-70	24-40	16-32	2-13
Appling	---				---	---	---	---	---	---	---	---
Iredell	---				---	---	---	---	---	---	---	---
Wedowee	---				---	---	---	---	---	---	---	---
PaC2:												
Pacolet	0-9	Sandy Clay Loam	SC	A-2	0	0	98-100	90-100	54-100	27-80	20-47	4-24
		Clay Loam	SC-SM	A-4								
		Sandy Loam										
	9-32	Clay	CH	A-7	0	0	98-100	90-100	81-100	63-95	42-70	24-47
		Clay Loam	CL									
	32-70	Clay Loam	CL	A-2	0	0	98-100	90-100	54-100	27-80	24-40	9-21
		Sandy Clay Loam	SC	A-4								
		Sandy Loam	SC-SM	A-6								

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
<b>PaC2:</b>												
Cecil	0-6	Sandy Loam	SC-SM	A-2	0	0	90-100	80-100	48-70	24-40	17-33	2-13
			SM	A-4								
	6-48	Clay	CL	A-6	0	0	90-100	80-100	72-100	56-95	36-66	19-43
		Clay Loam		A-7								
	48-62	Sandy Loam	SC	A-2	0	0	97-100	80-100	48-70	24-40	16-32	2-13
Appling	---				---	---	---	---	---	---	---	---
Ashlar	---				---	---	---	---	---	---	---	---
Sekil	---				---	---	---	---	---	---	---	---
Wedowee	---				---	---	---	---	---	---	---	---
<b>PaD2:</b>												
Pacolet	0-9	Clay Loam	SC	A-2	0	0	98-100	90-100	54-100	27-80	20-47	4-24
		Sandy Clay Loam	SC-SM	A-4								
		Sandy Loam										
	9-32	Clay	CH	A-7	0	0	98-100	90-100	81-100	63-95	42-70	24-47
		Clay Loam	CL									
	32-70	Sandy Loam	CL	A-2	0	0	98-100	90-100	54-100	27-80	24-40	9-21
		Sandy Clay Loam	SC	A-4								
		Clay Loam	SC-SM	A-6								
Cecil	0-6	Sandy Loam	SC-SM	A-2	0	0	90-100	80-100	48-70	24-40	17-33	2-13
			SM	A-4								
	6-48	Clay	CL	A-6	0	0	90-100	80-100	72-100	56-95	36-66	19-43
		Clay Loam		A-7								
	48-62	Sandy Loam	SC	A-2	0	0	97-100	80-100	48-70	24-40	16-32	2-13
Appling	---				---	---	---	---	---	---	---	---

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
PaD2:												
Madison	---				---	---	---	---	---	---	---	---
Sekil	---				---	---	---	---	---	---	---	---
PcD3:												
Pacolet	0-9	Clay Loam	CL	A-2	0	0	98-100	90-100	54-100	27-80	20-52	4-28
		Sandy Clay Loam	SC-SM	A-4								
		Sandy Loam		A-7								
	9-32	Clay Loam	CH	A-7	0	0	98-100	90-100	81-100	63-95	42-70	24-47
		Clay	CL									
	32-70	Clay Loam	CL	A-2	0	0	98-100	90-100	54-100	27-80	24-40	9-21
		Sandy Loam	SC	A-4								
		Sandy Clay Loam	SC-SM	A-6								
Cecil	0-6	Clay Loam	CL	A-7	0	0	90-100	80-100	72-100	56-80	37-50	19-28
			SC-SM									
	6-48	Sandy Clay Loam	CL	A-6	0	0-5	75-100	75-100	68-95	38-81	29-44	13-25
		Gravelly Clay Loam	SC									
		Clay Loam										
		Gravelly Sandy Clay Loam										
	48-62	Clay Loam	CH	A-7	0	0-5	97-100	92-100	72-100	55-95	42-74	24-51
		Clay										
Appling	---				---	---	---	---	---	---	---	---
Ashlar	---				---	---	---	---	---	---	---	---
Sekil	---				---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---

PxB:



**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
PxB:												
Poindexter	0-9	Loam	CL	A-4	0	0	95-100	90-100	76-100	54-90	21-39	6-17
		Silt Loam	CL-ML	A-6								
	9-20	Sandy Clay Loam	CL	A-6	0	0	95-100	90-100	72-100	32-80	29-44	13-25
		Clay Loam	SC									
	20-40	Silty Clay Loam	CL-ML	A-2	0	0	65-100	50-100	30-100	15-95	20-44	6-25
		Fine Sandy Loam	SC	A-4								
		Sandy Loam	SC-SM	A-6								
		Gravelly Sandy Loam										
	40-79	Bedrock	---	---	---	---	---	---	---	---	---	---
Iredell	---				---	---	---	---	---	---	---	---
Orange	---				---	---	---	---	---	---	---	---
Zion	---				---	---	---	---	---	---	---	---
PxC:												
Poindexter	0-9	Silt Loam	CL	A-4	0	0	95-100	90-100	76-100	54-90	21-39	6-17
		Loam	CL-ML	A-6								
	9-20	Sandy Clay Loam	CL	A-6	0	0	95-100	90-100	72-100	32-80	29-44	13-25
		Clay Loam	SC									
	20-40	Silty Clay Loam	CL-ML	A-2	0	0	65-100	50-100	30-100	15-95	20-44	6-25
		Fine Sandy Loam	SC	A-4								
		Sandy Loam	SC-SM	A-6								
		Gravelly Sandy Loam										
	40-79	Bedrock	---	---	---	---	---	---	---	---	---	---
Mecklenburg	---				---	---	---	---	---	---	---	---
Zion	---				---	---	---	---	---	---	---	---

PxC3:

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
<b>PxC3:</b>												
Poindexter	0-9	Silt Loam	CL	A-4	0	0	95-100	90-100	76-100	54-90	21-39	6-17
		Loam	CL-ML	A-6								
	9-20	Sandy Clay Loam	CL	A-6	0	0	95-100	90-100	72-100	32-80	29-44	13-25
		Clay Loam	SC									
	20-40	Silty Clay Loam	CL-ML	A-2	0	0	65-100	50-100	30-100	15-95	20-44	6-25
		Gravelly Sandy Loam	SC	A-4								
		Sandy Loam	SC-SM	A-6								
		Fine Sandy Loam										
	40-79	Bedrock	---	---	---	---	---	---	---	---	---	---
Cullen	---				---	---	---	---	---	---	---	---
Mecklenburg	---				---	---	---	---	---	---	---	---
Zion	---				---	---	---	---	---	---	---	---
<b>PxD:</b>												
Poindexter	0-9	Silt Loam	CL	A-4	0	0	95-100	90-100	76-100	54-90	21-39	6-17
		Loam	CL-ML	A-6								
	9-20	Clay Loam	CL	A-6	0	0	95-100	90-100	72-100	32-80	29-44	13-25
		Sandy Clay Loam	SC									
	20-40	Silty Clay Loam	CL-ML	A-2	0	0	65-100	50-100	30-100	15-95	20-44	6-25
		Fine Sandy Loam	SC	A-4								
		Sandy Loam	SC-SM	A-6								
		Gravelly Sandy Loam										
	40-79	Bedrock	---	---	---	---	---	---	---	---	---	---
Cullen	---				---	---	---	---	---	---	---	---
Sekil	---				---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---

# Table H. - Engineering Index Properties - Continued

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
PxD:												
QU:												
Quarry	---				---	---	---	---	---	---	---	---
RoB:												
Roanoke	0-10	Silt Loam	CL	A-4	0	0	100	100	90-100	70-90	21-41	6-19
			CL-ML	A-6								
			SC-SM									
	10-50	Silty Clay Loam	CL	A-6	0	0	100	100	90-100	75-95	37-67	19-44
		Clay		A-7								
		Silty Clay										
	50-57	Silt Loam	CL	A-6	0	0	98-100	95-100	86-100	66-90	22-39	6-19
Abell	---				---	---	---	---	---	---	---	---
Lignum	---				---	---	---	---	---	---	---	---
SeB:												
Sekil	0-10	Sandy Loam	SC-SM	A-2	0	0	98-100	90-100	54-70	27-40	17-33	2-12
			SM	A-4								
	10-14	Sandy Loam	SC-SM	A-2	0-15	5-15	95-100	90-100	54-70	27-40	16-30	2-12
			SM	A-4								
	14-37	Gravelly Sandy Loam	GM	A-1	0-15	5-15	60-85	50-75	30-52	15-30	16-27	2-10
			SC-SM	A-2								
			SM									
	37-41	Bedrock	---	---	---	---	---	---	---	---	---	---
Cullen	---				---	---	---	---	---	---	---	---
Fluvanna	---				---	---	---	---	---	---	---	---
Poindexter	---				---	---	---	---	---	---	---	---

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
SeB:												
SeC:												
Sekil	0-10	Sandy Loam	SC-SM SM	A-2 A-4	0	0	98-100	90-100	54-70	27-40	17-33	2-12
	10-14	Sandy Loam	SC-SM SM	A-2 A-4	0-15	5-15	95-100	90-100	54-70	27-40	16-30	2-12
	14-37	Gravelly Sandy Loam	GM SC-SM SM	A-1 A-2	0-15	5-15	60-85	50-75	30-52	15-30	16-27	2-10
	37-41	Bedrock	---	---	---	---	---	---	---	---	---	---
Poindexter	---				---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---
SeC3:												
Sekil	0-10	Sandy Loam	SC-SM SM	A-2 A-4	0	0	98-100	90-100	54-70	27-40	17-33	2-12
	10-14	Sandy Loam	SC-SM SM	A-2 A-4	0-15	5-15	95-100	90-100	54-70	27-40	16-30	2-12
	14-37	Gravelly Sandy Loam	GM SC-SM SM	A-1 A-2	0-15	5-15	60-85	50-75	30-52	15-30	16-27	2-10
	37-41	Bedrock	---	---	---	---	---	---	---	---	---	---
Cecil	---				---	---	---	---	---	---	---	---
Cullen	---				---	---	---	---	---	---	---	---
Fluvanna	---				---	---	---	---	---	---	---	---

SeD:

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
SeD:												
Sekil	0-10	Sandy Loam	SC-SM SM	A-2 A-4	0	0	98-100	90-100	54-70	27-40	17-33	2-12
	10-14	Sandy Loam	SC-SM SM	A-2 A-4	0-15	5-15	95-100	90-100	54-70	27-40	16-30	2-12
	14-37	Gravelly Sandy Loam	GM SC-SM SM	A-1 A-2	0-15	5-15	60-85	50-75	30-52	15-30	16-27	2-10
	37-41	Bedrock	---	---	---	---	---	---	---	---	---	---
Pacolet	---				---	---	---	---	---	---	---	---
Wedowee	---				---	---	---	---	---	---	---	---
Cullen	---				---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---
SeE:												
Sekil	0-10	Sandy Loam	SC-SM SM	A-2 A-4	0	0	98-100	90-100	54-70	27-40	17-33	2-12
	10-14	Sandy Loam	SC-SM SM	A-2 A-4	0-15	5-15	95-100	90-100	54-70	27-40	16-30	2-12
	14-37	Gravelly Sandy Loam	GM SC-SM SM	A-1 A-2	0-15	5-15	60-85	50-75	30-52	15-30	16-27	2-10
	37-41	Bedrock	---	---	---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---
SP:												

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
SP:												
Sekil	0-10	Sandy Loam	SC-SM SM	A-2 A-4	0	0	98-100	90-100	54-70	27-40	17-33	2-12
	10-14	Sandy Loam	SC-SM SM	A-2 A-4	0-15	5-15	95-100	90-100	54-70	27-40	16-30	2-12
	14-37	Gravelly Sandy Loam	GM SC-SM SM	A-1 A-2	0-15	5-15	60-85	50-75	30-52	15-30	16-27	2-10
	37-41	Bedrock	---	---	---	---	---	---	---	---	---	---
Poindexter	0-9	Loam Silt Loam	CL CL-ML	A-4 A-6	0	0	95-100	90-100	76-100	54-90	21-39	6-17
	9-20	Sandy Clay Loam Clay Loam	CL SC	A-6	0	0	95-100	90-100	72-100	32-80	29-44	13-25
	20-40	Fine Sandy Loam Silty Clay Loam Sandy Loam Gravelly Sandy Loam	CL-ML SC SC-SM	A-2 A-4 A-6	0	0	65-100	50-100	30-100	15-95	20-44	6-25
	40-79	Bedrock	---	---	---	---	---	---	---	---	---	---
Rock outcrop	0-60	Bedrock	---	---	---	---	---	---	---	---	---	---
Appling	---				---	---	---	---	---	---	---	---
Cecil	---				---	---	---	---	---	---	---	---
Cullen	---				---	---	---	---	---	---	---	---
Fluvanna	---				---	---	---	---	---	---	---	---

TaB2:

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
<b>TaB2:</b>												
Tatum	0-6	Silty Clay Loam	CL	A-4	0	0	80-100	70-100	63-100	49-95	23-52	7-28
		Silt Loam	CL-ML	A-6								
	6-42	Silty Clay Loam	CH	A-7	0	0	80-100	70-100	63-100	52-95	43-67	25-44
		Silty Clay										
		Clay										
	42-62	Bedrock	---	---	---	---	---	---	---	---	---	---
Nason	---				---	---	---	---	---	---	---	---
Fluvanna	---				---	---	---	---	---	---	---	---
<b>TaC2:</b>												
Tatum	0-6	Silt Loam	CL	A-4	0	0	80-100	70-100	63-100	49-95	23-52	7-28
		Silty Clay Loam	CL-ML	A-6								
	6-42	Silty Clay Loam	CH	A-7	0	0	80-100	70-100	63-100	52-95	43-67	25-44
		Clay										
		Silty Clay										
	42-62	Bedrock	---	---	---	---	---	---	---	---	---	---
Abell	---				---	---	---	---	---	---	---	---
Manteo	---				---	---	---	---	---	---	---	---
Nason	---				---	---	---	---	---	---	---	---
<b>TaD2:</b>												
Tatum	0-6	Silt Loam	CL	A-4	0	0	80-100	70-100	63-100	49-95	23-52	7-28
		Silty Clay Loam	CL-ML	A-6								
	6-42	Silty Clay	CH	A-7	0	0	80-100	70-100	63-100	52-95	43-67	25-44
		Silty Clay Loam										
		Clay										
	42-62	Bedrock	---	---	---	---	---	---	---	---	---	---

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
TaD2:												
Manteo	---				---	---	---	---	---	---	---	---
Nason	---				---	---	---	---	---	---	---	---
TmB3:												
Tatum	0-6	Silty Clay Loam Silt Loam	CL CL-ML	A-4 A-6 A-7	0	0	80-100	70-100	63-100	49-95	23-52	7-28
	6-42	Silty Clay Silty Clay Loam Clay	CH	A-7	0	0	80-100	70-100	63-100	52-95	43-67	25-44
	42-62	Bedrock	---	---	---	---	---	---	---	---	---	---
Cullen	---				---	---	---	---	---	---	---	---
Nason	---				---	---	---	---	---	---	---	---
TmC3:												
Tatum	0-6	Silt Loam Silty Clay Loam	CL CL-ML	A-4 A-6 A-7	0	0	80-100	70-100	63-100	49-95	23-52	7-28
	6-42	Clay Silty Clay Silty Clay Loam	CH	A-7	0	0	80-100	70-100	63-100	52-95	43-67	25-44
	42-62	Bedrock	---	---	---	---	---	---	---	---	---	---
Cullen	---				---	---	---	---	---	---	---	---
Nason	---				---	---	---	---	---	---	---	---

TmD3:



**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
TmD3:												
Tatum	0-6	Silty Clay Loam Silt Loam	CL CL-ML	A-4 A-6 A-7	0	0	80-100	70-100	63-100	49-95	23-52	7-28
	6-42	Silty Clay Silty Clay Loam Clay	CH	A-7	0	0	80-100	70-100	63-100	52-95	43-67	25-44
	42-62	Bedrock	---	---	---	---	---	---	---	---	---	---
Manteo	---				---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---
To:												
Toccoa	0-54	Loamy Fine Sand Fine Sandy Loam	SM	A-2	0	0	98-100	90-100	63-85	25-55	0-26	NP-6
	54-72	Loamy Fine Sand Very Fine Sandy Loam Fine Sandy Loam Very Gravelly Loamy Fine Sand	ML SC-SM SM	A-2 A-4	0	0-15	50-100	35-100	25-95	10-65	0-31	NP-13
Chewacla	---				---	---	---	---	---	---	---	---
Congaree	---				---	---	---	---	---	---	---	---
Ts:												

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
<b>Ts:</b>												
Toccoa	0-54	Fine Sandy Loam Loamy Fine Sand	SM	A-2 A-4	0	0	98-100	90-100	63-85	25-55	0-26	NP-6
	54-72	Very Fine Sandy Loam Fine Sandy Loam Loamy Fine Sand Very Gravelly Loamy Fine Sand	ML SC-SM SM	A-2 A-4	0	0-15	50-100	35-100	25-95	10-65	0-31	NP-13
Chewacla	---				---	---	---	---	---	---	---	---
Congaree	---				---	---	---	---	---	---	---	---
<b>TuB:</b>												
Turbeville	0-12	Fine Sandy Loam	CL-ML ML SC-SM SM	A-2 A-4	0	0	95-100	85-100	60-85	34-55	0-33	NP-12
	12-64	Clay Loam Clay	CH CL	A-6 A-7	0	0	95-100	85-100	76-100	60-95	36-66	19-43
	64-72	Extremely Gravelly Clay Loam Extremely Gravelly Sandy Clay Gravelly Clay Gravelly Clay Loam	GC SC	A-2	0	15-30	35-60	28-45	25-45	18-34	37-67	19-44
Masada	---				---	---	---	---	---	---	---	---
<b>W:</b>												
Water	---				---	---	---	---	---	---	---	---

WaB2:

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
WaB2:												
Wedowee	0-11	Sandy Clay Loam	SC	A-2	0	0	95-100	85-100	51-90	26-55	17-45	2-21
		Sandy Loam	SC-SM	A-2-4								
			SM	A-4								
	11-30	Sandy Clay	CL	A-6	0	0	95-100	85-100	68-100	30-95	29-66	13-43
		Clay Loam	SC	A-7								
		Sandy Clay Loam										
		Clay										
	30-42	Sandy Clay Loam	CL	A-6	0	0	95-100	85-100	51-95	26-75	20-49	6-28
		Sandy Loam	SC	A-7								
		Loam										
Appling	0-9	Sandy Loam	SC	A-2	0	0	90-100	80-100	48-70	24-40	21-33	6-13
			SC-SM	A-4								
				A-6								
	9-57	Clay Loam	CL	A-6	0	0	90-100	80-100	68-100	36-95	36-57	19-36
		Sandy Clay	SC	A-7								
		Clay										
	57-79	Sandy Loam	SC	A-2	0	0	90-100	80-100	48-70	24-40	7-25	NP-8
			SC-SM	A-2-4								
			SM	A-4								
Iredell	---				---	---	---	---	---	---	---	---
Pacolet	---				---	---	---	---	---	---	---	---

WaC2:

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
WaC2:												
Wedowee	0-11	Sandy Clay Loam Sandy Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	95-100	85-100	51-90	26-55	17-45	2-21
	11-30	Clay Loam Sandy Clay Sandy Clay Loam Clay	CL SC	A-6 A-7	0	0	95-100	85-100	68-100	30-95	29-66	13-43
	30-42	Sandy Clay Loam Sandy Loam Loam	CL SC	A-6 A-7	0	0	95-100	85-100	51-95	26-75	20-49	6-28
Appling	0-9	Sandy Loam	SC SC-SM	A-2 A-4	0	0	90-100	80-100	48-70	24-40	21-33	6-13
	9-57	Clay Clay Loam Sandy Clay	CL SC	A-6 A-7	0	0	90-100	80-100	68-100	36-95	36-57	19-36
	57-79	Sandy Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	90-100	80-100	48-70	24-40	7-25	NP-8
Ashlar	---				---	---	---	---	---	---	---	---
Pacolet	---				---	---	---	---	---	---	---	---
Sekil	---				---	---	---	---	---	---	---	---

WaD2:

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
WaD2:												
Wedowee	0-11	Sandy Loam Sandy Clay Loam	SC SC-SM	A-2 A-2-4	0	0	95-100	85-100	51-90	26-55	17-45	2-21
			SM	A-4								
	11-30	Clay Loam Sandy Clay Loam Sandy Clay Clay	CL SC	A-6 A-7	0	0	95-100	85-100	68-100	30-95	29-66	13-43
	30-42	Sandy Clay Loam Loam Sandy Loam	CL SC	A-6 A-7	0	0	95-100	85-100	51-95	26-75	20-49	6-28
Appling	0-9	Sandy Loam	SC SC-SM	A-2 A-4	0	0	90-100	80-100	48-70	24-40	21-33	6-13
				A-6								
	9-57	Sandy Clay Clay Loam Clay	CL SC	A-6 A-7	0	0	90-100	80-100	68-100	36-95	36-57	19-36
	57-79	Sandy Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	90-100	80-100	48-70	24-40	7-25	NP-8
Ashlar	---				---	---	---	---	---	---	---	---
Poindexter	---				---	---	---	---	---	---	---	---
Sekil	---				---	---	---	---	---	---	---	---

WdD3:

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
WdD3: Wedowee	0-11	Sandy Clay Loam	CL SC SC-SM	A-6	0	0	90-100	90-100	80-95	45-75	30-45	13-21
	11-30	Sandy Clay Loam	CL SC	A-4 A-6	0	0	90-100	90-100	80-97	40-75	24-40	9-21
	30-42	Sandy Clay Clay Loam Clay	CL SC	A-7	0	0	95-100	95-100	65-97	45-75	42-53	24-32
	42-46	Gravelly Sandy Loam Clay Loam Sandy Loam Sandy Clay Loam	CL SC SC-SM	A-2 A-4 A-6	0	0	80-100	70-100	60-80	30-60	24-40	9-21
Appling	0-9	Sandy Clay Loam	CL SC SC-SM	A-6	0	0	90-100	80-100	64-90	28-55	30-45	13-25
	9-57	Clay Loam Sandy Clay Clay	CL SC	A-6 A-7	0	0	90-100	80-100	68-100	36-95	36-57	19-36
	57-79	Sandy Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	90-100	80-100	48-70	24-40	7-25	NP-8
Ashlar	---				---	---	---	---	---	---	---	---
Poindexter	---				---	---	---	---	---	---	---	---
Sekil	---				---	---	---	---	---	---	---	---

We:

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
<b>We:</b>												
Wehadkee	0-10	Silt Loam	CL	A-6	0	0	100	100	90-100	70-90	21-47	3-18
			ML	A-7								
	10-52	Silty Clay Loam	CL	A-4	0	0	100	100	90-100	70-95	17-49	3-28
		Silt Loam	CL-ML	A-6								
			ML	A-7								
	52-58	Loam	SC-SM	A-2	0	0	65-100	50-100	25-100	2-90	0-38	NP-19
		Silt Loam										
		Gravelly Sand										
		Sandy Loam										
Chewacla	---				---	---	---	---	---	---	---	---
Forestdale	---				---	---	---	---	---	---	---	---
<b>WH:</b>												
Wehadkee	0-10	Silt Loam	CL	A-6	0	0	100	100	90-100	70-90	21-47	3-18
			ML	A-7								
	10-52	Silty Clay Loam	CL	A-4	0	0	100	100	90-100	70-95	17-49	3-28
		Silt Loam	CL-ML	A-6								
			ML	A-7								
	52-58	Gravelly Sand	SC-SM	A-2	0	0	65-100	50-100	25-100	2-90	0-38	NP-19
		Sandy Loam										
		Loam										
		Silt Loam										

# Table H. - Engineering Index Properties - Continued

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
WH:												
Chewacla	0-25	Silt Loam	CL	A-4	0	0	90-100	80-100	72-100	56-90	22-46	6-19
			CL-ML	A-6								
				A-7								
	25-48	Sandy Loam	CL	A-6	0	0	90-100	80-100	48-100	24-95	29-46	12-24
		Loam	SC-SM	A-7								
		Silty Clay Loam		A-7-6								
	48-52	Sandy Loam	CL	A-2	0	0	90-100	80-100	48-95	24-75	22-38	6-17
		Loam	SC	A-4								
				A-6								
Congaree	---				---	---	---	---	---	---	---	---
Forestdale	---				---	---	---	---	---	---	---	---
Fork	---				---	---	---	---	---	---	---	---
WkB:												
Wickham	0-7	Fine Sandy Loam	CL-ML	A-4	0	0	100	100	70-85	40-55	20-31	4-10
			SC-SM									
	7-52	Clay Loam	CL	A-4	0	0	100	100	80-100	45-80	20-44	6-25
		Sandy Clay Loam	CL-ML	A-6								
		Loam	SC	A-7-6								
	52-72	Sandy Loam	SC-SM	A-4	0	0	100	100	60-95	30-75	16-32	2-13
		Fine Sandy Loam										
		Loam										
Altavista	---				---	---	---	---	---	---	---	---
WoB:												



**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
WoB:												
Worsham	0-8	Fine Sandy Loam	CL	A-4	0	0	98-100	95-100	66-85	38-55	22-35	6-13
			SC									
	8-57	Sandy Clay	CH	A-2	0	0	98-100	95-100	76-100	33-95	39-63	21-40
		Sandy Clay Loam	CL	A-7								
		Clay	SC									
	57-69	Clay Loam	CL	A-2	0	0	98-100	95-100	57-100	28-80	22-50	6-29
		Sandy Clay Loam	SC	A-4								
		Sandy Loam		A-6								
				A-7								
Abell	---				---	---	---	---	---	---	---	---
Colfax	---				---	---	---	---	---	---	---	---
YoB:												
York	0-11	Clay Loam	CL	A-4	0	0	95-100	85-100	76-100	60-90	16-47	2-24
		Silt Loam	ML									
	11-26	Clay Loam	CL	A-6	0	0	95-100	85-100	76-100	60-95	27-44	12-25
		Silty Clay Loam										
		Silt Loam										
	26-32	Silty Clay Loam	CL	A-4	0	0	95-100	85-100	72-100	51-95	24-44	9-25
		Loam		A-6								
		Silt Loam										
	32-45	Gravelly Silty Clay Loam	CL	A-6	0	0	60-100	50-100	42-100	30-95	24-49	9-28
		Gravelly Loam	GC									
		Silt Loam	SC									
		Gravelly Silt Loam										
		Silty Clay Loam										
Lignum	---				---	---	---	---	---	---	---	---
Nason	---				---	---	---	---	---	---	---	---

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
YoB:												
ZoB:												
Zion	0-13	Loam	CL	A-4	0	0	90-100	80-100	68-95	48-75	21-39	6-17
			CL-ML	A-6								
	13-18	Very Gravelly Clay Loam	GC	A-2	0	0	40-60	30-45	26-45	18-36	24-49	9-28
		Very Gravelly Loam	SC	A-6								
				A-7								
	18-27	Gravelly Clay	CH	A-7	0	0	85-100	70-100	63-100	52-95	39-69	20-44
		Silty Clay	CL									
		Silty Clay Loam										
		Clay										
	27-36	Sandy Loam	SC	A-2	0	0	85-100	70-100	42-70	21-40	19-35	3-14
		Gravelly Sandy Loam	SC-SM									
	36-40	Bedrock	---	---	---	---	---	---	---	---	---	---
Forestdale	---				---	---	---	---	---	---	---	---
Iredell	---				---	---	---	---	---	---	---	---
Poindexter	---				---	---	---	---	---	---	---	---

ZoB2:

# Table H. - Engineering Index Properties - Continued

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
ZoB2:												
Zion	0-13	Loam	CL	A-4	0	0	90-100	80-100	68-95	48-75	21-39	6-17
			CL-ML	A-6								
	13-18	Very Gravelly Clay Loam	GC	A-2	0	0	40-60	30-45	26-45	18-36	24-49	9-28
		Very Gravelly Loam	SC	A-6								
				A-7								
	18-27	Gravelly Clay	CH	A-7	0	0	85-100	70-100	63-100	52-95	39-69	20-44
		Silty Clay	CL									
		Silty Clay Loam										
		Clay										
	27-36	Sandy Loam	SC	A-2	0	0	85-100	70-100	42-70	21-40	19-35	3-14
		Gravelly Sandy Loam	SC-SM									
	36-40	Bedrock	---	---	---	---	---	---	---	---	---	---
Enon	---				---	---	---	---	---	---	---	---
Mecklenburg	---				---	---	---	---	---	---	---	---
Poindexter	---				---	---	---	---	---	---	---	---
Elbert	---				---	---	---	---	---	---	---	---

ZoC2:

**Table H. - Engineering Index Properties - Continued**

Louisa County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
ZoC2:												
Zion	0-13	Loam	CL	A-4	0	0	90-100	80-100	68-95	48-75	21-39	6-17
			CL-ML	A-6								
	13-18	Very Gravelly Loam	GC	A-2	0	0	40-60	30-45	26-45	18-36	24-49	9-28
		Very Gravelly Clay Loam	SC	A-6								
				A-7								
	18-27	Silty Clay Loam	CH	A-7	0	0	85-100	70-100	63-100	52-95	39-69	20-44
		Silty Clay	CL									
		Clay										
		Gravelly Clay										
	27-36	Gravelly Sandy Loam	SC	A-2	0	0	85-100	70-100	42-70	21-40	19-35	3-14
		Sandy Loam	SC-SM									
	36-40	Bedrock	---	---	---	---	---	---	---	---	---	---
Sekil	---				---	---	---	---	---	---	---	---
Poindexter	---				---	---	---	---	---	---	---	---